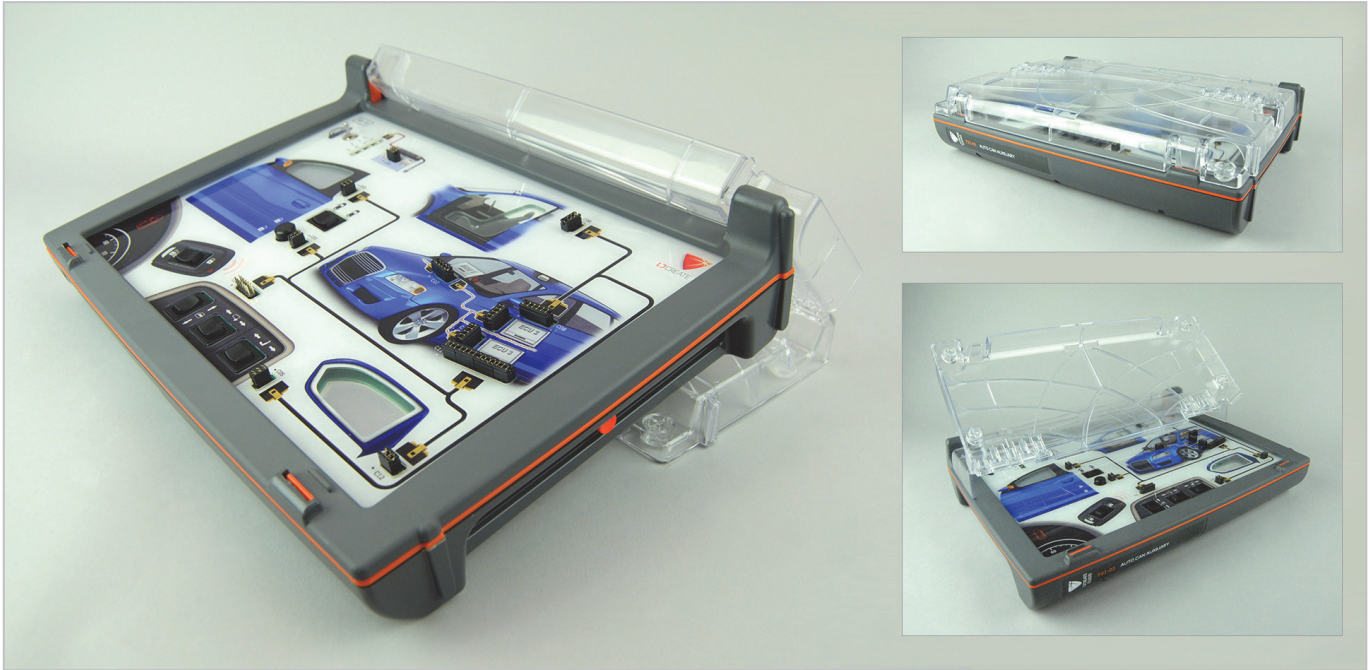


## Product Information Sheet

### Modern Auxiliary Systems Trainer



Our range of Autotronics boards are designed to provide a practical approach to theoretical learning, as well as developing technical skills for electronic system fault finding.

The resource is contained within an ergonomic plastic base with a hinged cover that also provides a mechanism to tilt the trainer towards the user for ease of use.

Students are set tasks that encourage them to explore CAN Bus electric window, door mirror, seat and central locking circuits practically and improve their knowledge of these systems.

The trainer includes access to digital curriculum materials including practical learning tasks, as well as theory support resources.

The trainer can also be used in conjunction with our optional cloud-based software, which offers online practical tasks as well as interactive theory presentations, investigations, and assessments, which link directly to the practical activities carried out using this resource.

Students will also be directed to work through a number of fault-finding activities (7 in all), encouraging fault-diagnosis skills.

#### **Practical Topics Covered Include:**

- CAN Bus Window, Mirror and Seat Systems
- CAN Bus Central Locking System
- CAN Data BUS
- CAN Bus measurement
- Faultfinding and diagnosing CAN Bus Auxiliary faults

#### **Typical Activities Include:**

- Explore CAN Bus Window, Mirror and Seat Systems
- Investigate CAN Central Locking System
- Explore CAN Data Bus
- Perform CAN Bus Window, Mirror and Seat System Measurements
- Perform Central Locking System Measurements
- Perform CAN Data Bus Measurements
- Diagnose 7 Different CAN Bus Auxiliary Faults

#### **The circuit board provides the following features:**

- On-board mimic of a car, with access to the following circuit components:
  - 12V Battery
  - ECU Pin Outs
  - Window Sensor and Mimic
  - Door Mirror and Mimic
  - Car Seat Sensor and Mimic
  - Central Locking Sensor and Mimic

## LJ Create –Product Information Sheet (Continued)

### Modern Auxiliary Systems Trainer



#### Items Included:

- Trainer
- Curriculum in Digital Format

#### Other Items Required:

- Digital Multimeter
- LJ Create Automotive Cloud Content (Optional)
- Computer
- Diagnostic Equipment with Oscilloscope Functions

#### General Information:

Trainer Dimensions: 360 x 80 x 250 mm (W, H, D)  
Trainer Weight: 1.2 kg  
Packed Volume: Approx. 0.01 m<sup>3</sup>  
Packed Weight: Approx. 2.8 kg



#### REPRESENTED BY:

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**Order Code: 721-01**

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For more information visit [www.ljcreate.com](http://www.ljcreate.com)